



EINLADUNG

zum Vortrag im Rahmen des Seminars des SFB/TRR 31

Freitag, 27. Juni 2008, 14 Uhr c.t.

Raum G26.1 – 010, Rechenzentrum der Universität Magdeburg und
Raum W2 1-143, Universität Oldenburg
(per Videokonferenz)

The role of Auditory Cortex in Perception

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The ultimate goal of sensory neurosciences is to describe the neural basis of perception. Yet in the auditory neurosciences, most studies have hitherto pursued either psychophysical or electrophysiological approaches separately, with perhaps not sufficient effort to try to link the two approaches together to form a coherent picture. In this talk I will be presenting a few studies from my laboratory in which we have attempted to develop 'neurometric' approaches combining electrophysiology and neurometrics to shed light on the neural representation of a number of features of communication sounds, including the temporal envelopes of monkey vocalizations, or the pitch or timbre of artificial vowels.